

Installation Instructions for PP215 Snow Guard

- I. Base Plate (The base plate is the flat stainless steel piece with the two threaded studs.)
 - A. Place the base plate (2) on top of the finished roof. Align the base plate (2) so that the studs are set parallel with the pitch of the roof. There will be three fastener holes on the up-slope end of the base plate (2).
 - B. Fasten base plate (2) to the substructure (usually wood blocking for this bracket) using the appropriate fasteners for the type and thickness of the decking. Make certain that the base plate (2) cannot shift.
 - C. Consult with an engineer, snow guard manufacturer or fastener company to determine the fastener required for attaching the base plate (2) to the substructure.

- II. Membrane Flashing of Base Plate
 - A. Use an acceptable piece and size of flashing material to cover the base plate (2) in a method acceptable by the roofing material manufacturer. This is commonly referred to as a Flashing Patch (5). This size will be a minimum of 12" x 12" but each membrane manufacturer has specific requirements that must be met (prefabricated flashing patches may be available from the snow guard manufacturer).
 - B. Cut two small holes in flashing (5 - Flashing Patch) to fit tightly over threaded studs.
 - C. Before installing flashing (5 - Flashing Patch) apply a generous amount of acceptable sealer around threaded studs.
 - D. Apply flashing (5 - Flashing Patch) over base plate (2) and seal the perimeter of the flashing (5 - Flashing Patch) to the deck sheet.
 - E. The threaded studs are now the only part of the base plate (2) exposed. NOTE: Due to the sealer applied around the studs there may be bleed out at this opening. When the bracket (1) is installed and tightened this bleed out will help to create a water tight compression fitting.





- III. Installation of Snow Guard Bracket (See PP225 Assembly Instructions for bracket assembly.)
- A. Install snow guard bracket (1) over the threaded studs. The bracket (1) will be centered on the base plate (2) when installed properly.
 - B. Place one bonded washer (3) over each stud and press them all the way down against the bracket (1).
 - C. Thread one nut (4) down each stud and tighten.
 - D. Install pipes, couplings, end caps, and end collars.

Snow guard layout for pipe style brackets

- Contact the manufacturer for detailed layout.
- Do not install runs of snow retention bar more than 100 feet long without a break to allow for thermal expansion.
- First row of snow guards are installed above outer most wall or support of the building.

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